

QDA-500-18000-62-2

0.5~18GHz, 0~62dB, 2dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	0.5~18GHz
Insertion Loss:	9dB max.
Attenuation Flatness:	±1.5dB max.
Digital Control:	5Bit, TTL High
Step:	2dB
Attenuation Range:	0~62dB
Attenuation Accuracy:	3% of attenuation setting max.
Switching Time:	100nS max.
VSWR:	2 typ.
Voltage:	±5V DC
Current:	50mA typ.
Input Power Without Damage:	27dBm max.

Mechanical

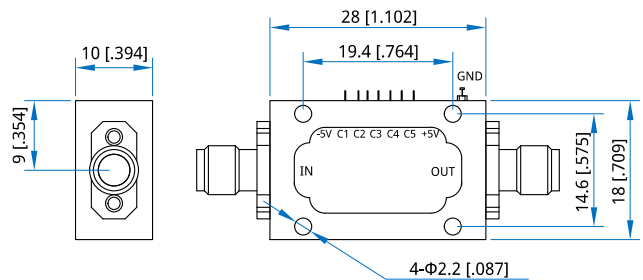
Size ^{*1} :	28*18*10mm 1.102*0.709*0.394in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Pin Numbering

Pin	Function (Attenuation)
C1	2dB
C2	4dB
C3	8dB
C4	16dB
C5	32dB

How To Order

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Customization is available upon request.